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Surplus and Undivided Profits ..... \$100,000  
Total Resources, January 1, 1904 ..... \$175,870.43  
Hugo Richards, President; M. B. Hazeltine, Cashier;  
E. W. Wells, Vice-President; C. A. Peter, Assistant Cashier.  
A General Banking Business Transacted. Safety Deposit Boxes

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UNITED STATES DEPOSITORY.

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Stockholders' Liability ..... \$100,000  
Surplus and Undivided Profits (net) ..... \$ 60,000  
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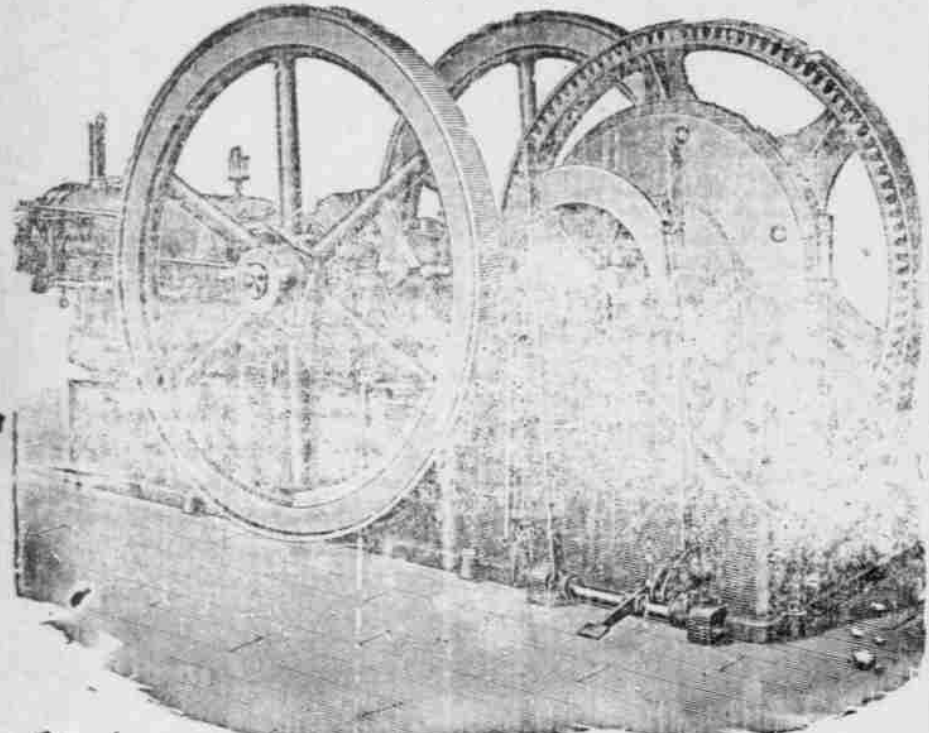
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BROWN BROS.

Journal-Miner for Job Work.

### EXCURSION TO ARIZONA.

Los Angeles Jobbers Take Up Proposition for Future Date.

At a meeting of the Executive Committee of the Associated Jobbers of Los Angeles, held July 18, 1904, all the members being present to consider the question of an excursion to Arizona, the following resolution was passed by a unanimous vote:

Resolved, That while we consider that a trade excursion from Los Angeles to Arizona may under proper conditions be a distinct benefit in cementing the good will that exists between that territory and southern California, we are convinced that such an excursion should originate with and be managed by some one or all of the three commercial bodies of this city that deal with general commercial issues, to wit, the Chamber of Commerce, the Merchants' Association and the Associated Jobbers, and that an excursion undertaken by private individuals, however worthy, will not only fail to carry the weight of one undertaken by these bodies, but may even tend to defeat the very purpose for which it is designed. It had been the purpose of this organization to propose to the other two commercial bodies that we all unite at some future date in the effort to forward such a movement, but we had deferred action until such a time as our negotiations now under way with the transportation companies for a readjustment of the unfavorable freight rates into that region had come to a successful conclusion. This committee still adheres to that plan, and hopes at some not very distant date to be able to present a feasible project to our members, and, with their approval, to the other commercial bodies. Finally, with respect to the action taken by officers of this association regarding any proposed excursion to Arizona, we desire to say that it was done with the entire knowledge and under the direction of this committee, for the best interests of the trade of this city, as we view it, and we are confident from expressions received from other members of the association that it will meet also with their unanimous approval.

### IRRIGATION CONGRESS.

Railroads Offer Low Rate for Convention at El Paso.

Chairman James Charlton, of the Trans-Continental Passenger association, whose headquarters are at Chicago, has given notice to the officers of the Southwestern Irrigation congress of an extremely low rate offered by the lines under his jurisdiction for the benefit of those desiring to attend the National Irrigation convention, which meets at El Paso, November next.

A rate of one fare for the round trip to El Paso is offered by all lines west of the Mississippi river, with an extension provision of thirty days.

T. J. Anderson, of Houston, general passenger agent of the G. H. & S. A. railway, who represents the association in the southwest, has fixed the dates of sale at November 10, 11 and 12.

In addition to this concession from the western roads the irrigation association has also obtained unusually low rates from the Mexican and territorial railways, not only for the benefit of visitors, but for those wishing to take side trips to the City of Mexico or other points of interest during or immediately after the convention.

### World's Fair Matters.

The Arizona World's Fair Commission held a meeting in this city yesterday afternoon the same being attended by Col. A. J. Doran, president, B. A. Packard and H. B. St. Claire. Very little of importance was done besides routine business. Bills were audited and the situation of the Arizona exhibit at the fair was discussed. Mr. Packard returned to his home at Naco last night, and Col. Doran returned to Prescott on this morning's train.

Last night Col. Doran stated that he intends to go back to St. Louis just as soon as possible to take full charge of Arizona's exhibit and will remain there till the close of the fair. He expects to be at the exposition by August 5, and if he can do so, he will reach there sooner. He said that he would see to it that the Salt River Valley was represented at the fair by some one who was acquainted with the valley and its resources. He will relieve Mr. Leatherwood as soon as he arrives in St. Louis. E. E. Ford is in charge of the mines exhibit and Mrs. E. E. Ford has control of the educational display. George D. Christy was to have taken charge of the horticultural exhibit and Col. Doran stated that he hoped to have Mr. Christy at the fair soon.

Try one of those specials, something new every day in soda drinks at the Woman's Exchange. 8-6 tf

### WATER FOR INDIANS.

The Underflow in Gila River Is Abundant for Irrigation.

The underground waters of Gila Valley, Arizona, have been recently investigated by Mr. Willis T. Lee, of the United States Geological Survey. The object of the investigation was to ascertain the amount of water available for irrigating the lands of the Indians in this valley. The greater part of the valley is included in the Pima Indian Reservation on which there are about 7,870 Indians. They are an intelligent, industrious people and until 1890 they were prosperous. From time immemorial their irrigation canals had been supplied with water from the Gila, but since 1890 the diversion of the Gila waters above the reservation by white settlers has caused a shortage of water. The result is that the area of lands cultivated by the Indians has decreased from 14,000 to 7,000 acres and the Pimas and Maricopas of this valley are now impoverished.

To find a remedy for this shortage of surface waters Mr. Lee has carefully studied the geographic relations and geologic conditions of the Gila Valley. He finds evidence that there is an amount of underground water in this region sufficient to saturate the valley soil and still give an overflow of 2000 inches. This water is probably due to the junction of three underflows—those of Gila, Santa Cruz and Salt rivers. These are fed from at least three sources—rainfall in the valley, springs from the hillsides, and various streams that enter the valley from the hills, the most important of which is the Gila itself. The quantity of waters held in the gravels at any one time within easy reach of pumps is estimated at from 1,120,000 to 1,960,000 acre feet. It is calculated that 40,000 acre feet of water a year will supply all the present needs of the Indians on the reservation. If the computations are correct, there is now accessible enough water to supply the Indians for at least twenty-eight years. The chemical character of these waters of the underflow is fortunately favorable to their use in irrigation.

Two means of making this water available for irrigation are in use, seepage ditches and pumping plants. Where seepage ditches have been tried the results are disappointing. The quantity of water actually obtained falls far short of expectations; the cost of constructing and maintaining a deep ditch in the loose gravels and quicksands is large compared with the amount of water obtained, and at best only the uppermost part of the underflow is penetrated. On the other hand, Mr. Lee believes that sufficient water can be drawn from the underflow of the Gila Valley by means of pumping to supply the needs of the Indians and also materially to extend the cultivated area without exhausting the available water supply. He estimates that ten plants of a capacity similar to that of the one now under construction at Sacaton will supply the required 40,000 acre feet a year and allow 36 per cent. of the time for stoppage and repairs. Taking the cost of the pumping plants in the Salt River Valley as a criterion, Mr. Lee shows that money spent in the construction of such plants will be safely and profitably invested.

One of the most interesting chapters of Mr. Lee's paper is that on the economic conditions of the Indians. Though peaceful, honest, and industrious, they are lacking in executive ability. They are, however, easily managed and are prosperous when wisely directed. When left to their own devices, they do not properly appreciate or utilize their advantages. At the western half of the reservation their most imperative need is adequate supervision. Their needs at the eastern half are, first, a water supply; second, supervision. It is Mr. Lee's opinion that a water supply without supervision would be unwise.

Mr. Lee's report is published as Water Supply and Irrigation Paper No. 104 of the Survey's series. It may be obtained free of charge on application to the Director of the United States Geological Survey, Washington, D. C.

### ONE THOUSAND ACRES

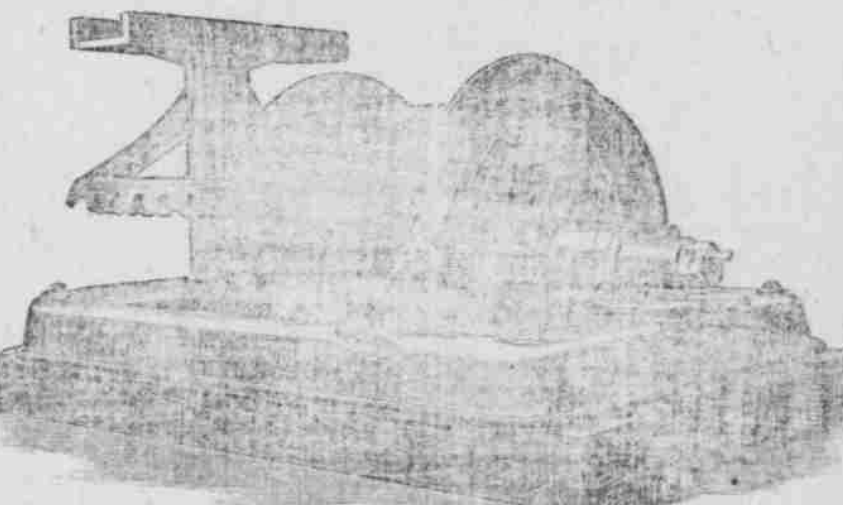
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